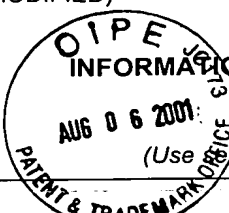
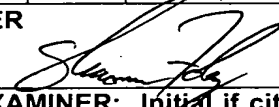

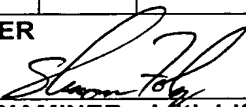
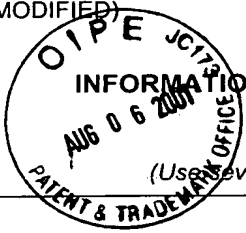



Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY DOCKET NO. 041303-0138		SERIAL NO. 09/812,720		
				APPLICANT Mellencamp, Mark W.				
				FILING DATE 03/20/2001		GROUP ART UNIT 1642		
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
SA	A1	5,922,327	07/13/1999	Crabb et al.	424	229.1		
	A2	5,843,451	12/01/1998	Compans et al.	424	192.1		
	A3	5,795,578	08/18/1998	O'Callaghan	424	229.1		
	A4	5,707,629	01/13/1998	O'Callaghan	424	186.1		
	A5	5,470,718	11/28/1995	O'3 Callaghan	435	69.1		
	A6	5,221,722	06/22/1993	Sehm	526	230.5		
	A7	B1 5,084,271	08/05/1997	Studdert	424	229.1		
	A8	4,758,641	07/19/1988	Hsu	526	208		
	A9	4,615,697	10/07/1986	Robinson	604	890		
	A10	4,509,949	04/09/1985	Huang et al.	586	558		
	A11	4,225,582	09/30/1980	Crandell	424	89		
	A12	4,110,433	08/29/1978	Purdy, III	424	89		
	A13	4,083,958	04/11/1978	Bryans	424	89		
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
	A14	WO 97/22701	06/26/1997	PCT				
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	A15	Bagust et al., "Studies on Equine Herpesviruses", <u>Australian Veterinary Journal</u> , 46, September, 1970 (pp. 421-427).						
	A16	Baker, "Vaccines for EHV1", <u>The Veterinary Record</u> , January, 1983 (pp. 110-111).						
	A17	Becker, "Prophylaktische Impfung gegen den EHV (Equine Herpesvirus)-Abort", <u>Tierärztl. Prax.</u> , 16, 1988, (pp. 61-63).						
	A18	Belák et al., "Passive Immunization of Foals to Prevent Respiratory Disease Caused by Equine Herpesvirus Type 2", <u>Zbl. Vet. Med. B</u> , 27, 1980, (pp. 826-830).						
	A19	Borgen et al., "Equine Herpesvirus 1: Biological and Biophysical Comparison of Two Viruses from Different Clinical Entities", <u>Intervirology</u> , 4, 1974 (pp. 189-198).						
	A20	Bumgardner, "Lymphocytes from ponies experimentally infected with equine herpesvirus 1: Subpopulation dynamics and their response to mitogens", <u>Am. J. Vet. Res.</u> , 43, July, 1982 (pp. 1308-1310).						
	A21	Burrows et al., "Trials of an inactivated equid herpesvirus 1 vaccine: Challenge with a subtype 1 virus", <u>The Veterinary Record</u> , April, 1984 (pp. 369-374).						
SA	A22	Campbell et al., "Equine herpesvirus type 1 (EHV1)", <u>Veterinary bulletin, Commonwealth Agricultural Bureaux</u> , 53, February, 1983 (pp. 135-146).						
EXAMINER 				DATE CONSIDERED 2/4/3				
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		APPLICANT Mellencamp, Mark W.			
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
SAF	B1	Carbopol®, "The Proven Polymers in Pharmaceuticals", <u>Pharmaceutical Bulletin</u> 2, April, 1995 (8 pgs).			
	B2	Coggins, "Viral Respiratory Disease", <u>Veterinary Clinics of North America: Large Animal Practice</u> , 1, May, 1979 (pp. 59-72).			
	B3	Coignoul et al., "Pathogenicity of Equine Herpesvirus 1 Subtype 2 for Foals and Adult Pony Mares", <u>Veterinary Microbiology</u> , 9, 1984, (pp. 533-542).			
	B4	Colle et al., "Transcriptional Analyses of the Unique Short Segment of EHV-1 Strain Kentucky A", <u>Virus Genes</u> , 9, 1995 (pp. 257-268).			
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	B6	Crandell, et al., "Vaccination of Pregnant Ponies Against Equine Rhinopneumonitis", <u>Am. J. Vet. Res.</u> , 41, July, 1980 (pp. 994-996).			
	B7	Dutta et al., "Immunity and the Level of Neutralization Antibodies in Foals and Mares Vaccinated with a Modified Live-Virus Rhinopneumonitis Vaccine", <u>Am. J. Vet. Res.</u> , 36, April, 1975 (pp. 445-448).			
	B8	Dutta et al., "Cell Mediated Immunity in Equine Herpesvirus Type 1 Infection 1. In vitro Lymphocyte Blastogenesis and Serum Neutralization Antibody in Normal Parturient and Aborting Mares", <u>Can. J. comp. Med.</u> , 41, October, 1977 (p. 404-408).			
	B9	Dutta et al., "Efficacy of Modified Live-Virus, Equine Rhinopneumonitis Vaccine", <u>Am. J. Vet. Res.</u> , 37, March, 1976 (pp. 350-351).			
	B10	Eaglesome et al., "Equine Herpesvirus 1 Infection in Mares Vaccinated with a Live-virus Rhinopneumonitis Vaccine Attenuated in Cell Culture", <u>Can. vet. J.</u> , 20, May, 1979 (pp. 145-147).			
	B11	Fitzpatrick et al., "Immunologic relationships between equine herpesvirus type 1 (equine abortion virus) and type 4 (equine rhinopneumonitis virus)", <u>Australian Veterinary Journal</u> , October, 1984 (pp. 1947-1952).			
	B12	Gerber et al., "Effect of Age and Pregnancy on the Antibody and Cell-mediated Immune Responses of Horses to Equine Herpesvirus 1", <u>Can. J. comp. Med.</u> , 41, October, 1977 (pp. 471-478).			
	B13	Gleeson et al., "Responses of Pregnant Mares to Equine Herpesvirus 1 (EHV1)", <u>Cornell Vet.</u> , 70, 1980 (pp. 391-400).			
	B14	Horner et al., "Isolation of Equine Herpesviruses from Horses with Respiratory Disease", <u>New Zealand Veterinary Journal</u> , 24, 1976 (pp. 171-176).			
	B15	Jackson et al., "equine Herpesvirus 1 infection of Horses: Studies on the Experimentally Induced Neurologic Disease", <u>American Journal of Veterinary Research</u> , 38, June, 1977 (pp. 709-719).			
	B16	Kawakami et al., "Combined Immunizing Effects of Live and Inactivated Equine Herpesvirus 1 in Horses", <u>Proc. 4<sup>th</sup> Int. Conf. Equine Infect. Des. Lyn.</u> , 1976 (pp. 75-82).			
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	B18	Kemeny et al., "Isolation of Herpesvirus from Equine Leukocytes: Comparison with Equine Rhinopneumonitis Virus", <u>Can. J. comp. Med.</u> , 34, January, 1970 (pp. 59-65).			
	B19	Kendrick et al., "Immunity to Equine Herpesvirus 1 Infection in Foals During the First Year of Life", <u>Journals of Reproduction &amp; Fertility Ltd.</u> , 27, 1979 (pp. 615-618).			
	B20	Matsumura et al., "Lack of virulence of the murine fibroblast adapted strain, Kentucky A (KyA), of equine herpesvirus type 1 (EHV-1) in young horses", <u>Veterinary Microbiology</u> , 48, 1996, (pp. 354-365).			
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7/25/03 SAF	B23	Mayr et al., "Zur Differenzierung, Diagnose und Bekämpfung virusbedingter Erkrankungen des Pferdes unter besonderer Berücksichtigung der heimischen Krankheiten", <u>Berliner und Münchener Tierärztliche Wochenschrift</u> , 1968 (pp. 372-378).			
SAF	B24	Mitchell, "Vaccines for EHV1 abortion", <u>The Veterinary Record</u> , March, 1983 (p. 285).			
SAF	B25	O'Callaghan et al., "Equine Herpesviruses (Herpesviridae)", <u>Encyclopedia of Virology, Second Edition</u> , 1, 1999 (pp. 508-515).			
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		2/4/03			
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 <p><b>INFORMATION DISCLOSURE CITATION</b></p> <p>(Use several sheets if necessary)</p>		APPLICANT Mellencamp, Mark W.			
		FILING DATE 03/20/2001		GROUP ART UNIT 1642	
<b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, Etc.)					
SHF	C1	Osterrieder et al., "The Equine Herpesvirus 1 Ir6 Protein That Colocalizes with Nuclear Lamins Is Involved in Nucleocapsid Egress and Migrates from Cell to Cell Independently of Virus Infection", <u>Journal of Virology</u> , December, 1998 (pp. 9806-9817).			
	C2	Patel et al., "The Pathogenicity in Mice of Respiratory, Abortion and Paresis Isolates of Equine Herpesvirus-1", <u>Veterinary Microbiology</u> , 8, 1983 (pp. 301-305).			
	C3	Peacock, "Biological Requirements and Control of Equine Rhinopneumonitis Vaccine (Live Virus)", <u>J.A.V.M.A.</u> , 155, July, 1969 (pp. 310-314).			
	C4	Perdue et al., "Studies of the Molecular Anatomy of the L-M Cell Strain of Equine Herpes Virus Type 1: Proteins of the Nucleocapsid and Intact Virion", <u>Virology</u> , 59, 1974 (pp. 201-216).			
	C5	Purdy et al., "Equine Rhinopneumonitis Vaccine: Immunogenicity and Safety in Foals", <u>Am. J. Vet. Res.</u> , 39, May, 1978 (pp. 745-752).			
	C6	Romváry et al., "Isolation and Properties of Equine Rhinopneumonitis Virus", <u>Acta Veterinaria Academiae Scientiarum Hungaricae</u> , Tomus 19, 3, 1969 (pp. 311-317).			
	C7	Stear, "Efficacy of Modified Live-Virus" "Equine Rhinopneumonitis Vaccine", <u>Am. J. Vet. Res.</u> , 37, March, 1976 (pp. 349-351).			
	C8	Studdert, "Vaccines for equine herpesvirus type 1", <u>The Veterinary Record</u> , April, 1983 (p. 334).			
	C9	Studdert et al., "Equine Herpesviruses", <u>Australian Veterinary Journal</u> , 46, March, 1970 (pp. 83-89).			
	C10	Thomson et al., "Serological Detection of Equid Herpesvirus 1 Infections of the Respiratory Tract", <u>Equine Veterinary Journal</u> , 8, 1976 (pp. 58-65).			
	C11	Thomson et al., "Experimental Immunization Against Respiratory Disease Due to Equid Herpesvirus 1 Infection (Rhinopneumonitis) using Formalin-Inactivated Virus with Various Adjuvants", <u>Veterinary Microbiology</u> , 4, 1979 (pp. 209-222).			
	C12	van Woensel et al., "A mouse model for testing the pathogenicity of equine herpes virus-1 strains", <u>Journal of Virological Methods</u> , 54, 1995 (pp. 39-49).			
	C13	Wilks et al., "Immunity to Equine Herpesvirus Type 1 (Rhinopneumonitis): In Vitro Lymphocyte Response", <u>American Journal of Veterinary Research</u> , 37, May, 1976 (pp. 487-492)			
SHF	C14	Zhang et al., "Protective immunity against equine herpesvirus type-1 (EHV-1) infection in mice induced by recombinant EHV-1 gD", <u>Virus Research</u> , 56, 1998 (pp. 11-24).			
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